

TRAINING COURSES

Training offered by APT Research, Inc.

Each year since 2004, APT has offered training for S&MA professionals. Approximately 200 professionals obtain continuing education credits each year. APT Research offers classes for both government and industrial personnel.

IMESAFR Training

The IMESAFR Training will guide the user through the overall user interface of the IMESAFR Software.

The course is presented over three days with eight hours of mixed lecture and discussion each day, for a total of 24 classroom hours. Daily class hours are from 8am to 5pm with an hour for lunch and breaks mid-morning and mid-afternoon. A competency test will be given at the end of the course.

Brad Watson, 256.327.4009
bwatson@apt-research.com

SAFER Training

The SAFER Training course is designed to train the user on the overall user interface of SAFER.

The course is presented over two days with mixed lecture and discussion each day. Daily class hours are from 9am to 5pm with an hour for lunch, and mid-morning and mid-afternoon breaks. A competency test will be given at the end of the course.

Megan Stroud, 256.327.4005
mstroud@apt-research.com

Software System Safety

To set the stage for the Software System Safety (SwSS) process, this course will provide an introduction and review of Risk Management, System Safety, and Software Development. Following the introduction and review, the course will provide details of the SwSS process, beginning with a discussion of the importance of integrating SwSS activities into the System Safety Program, the Software Development activities,

and Systems Engineering activities. The relationship of the Software Hazard Criticality Matrix (SHCM) and Level of Rigor (LOR) to the overall System Safety effort will be included, as well as the importance of identification and tracking of safety-critical requirements. Specific analyses and evaluation tools will be discussed and illustrated by examples. Details of the SwSS process will be discussed for each of the Software Development phases: 1) concept refinement, 2) requirements and architecture development, 3) design and coding, 4) test, validation, and verification, and 5) software release (delivery). The course will also cover developing safety related metrics and supporting software safety technical reviews.

Melissa Emery 256.327.3396
memery@apt-research.com

System Safety Engineering

The System Safety Engineering course builds upon your knowledge as a safety professional or a supervisor/manager, to develop competence and sharpen skills in the techniques that support hazard discovery, the assessment and control of risk, and in reviewing work of this kind performed by others. You will receive guidance in the management of limited resources for the optimum control of risk.

APT conducts system safety classes at our Huntsville facility or on-site for clients who request them. These classes can be specially tailored to the needs of the students.

Melissa Emery 256.327.3396
memery@apt-research.com

Schedule

February 2010

- 16-18 Software System Safety

March 2010

- 8-12 System Safety Engineering*
- 16-17 SAFER

April 2010

- 20-22 Software System Safety
- 26-28 IMESAFR

May 2010

- 10-13 Explosives Safety

June 2010

- 7-11 System Safety Engineering*
- 15-16 SAFER
- 22-24 IMESAFR

August 2010

- 24-26 IMESAFR

September 2010

- 20-24 System Safety Engineering*

October 2010

- 12-13 SAFER
- 19-21 IMESAFR

November 2010

- 8-11 Explosives Safety

Registration Information

256.327.3402

training@apt-research.com

Registration form on reverse side.

Technical Information

Melissa Emery

256.327.3396

memery@apt-research.com

Other Courses Available

- Explosive Safety
- Quantitative Risk Assessment
- Flight Safety

*Receive 3.0 CEUs

APT Training Registration Form

Please type or print clearly. Please complete one form per person.

Student Information

Name (title, first, middle, last):					
U.S. Citizen:	<input type="checkbox"/> Yes <input type="checkbox"/> No If No, identify country of citizenship:				
Organization:					
Job Title:					
Mailing Address:					
City:		State:		Zip Code:	
Phone:		Fax:			
Email:					

Course Information

	Dates	Courses	Duration	Cost
<input type="checkbox"/>		System Safety Engineering Training	36 hrs	\$2595
<input type="checkbox"/>		Software System Safety Training	24 hrs	\$1750
<input type="checkbox"/>		IMESAFR & Training Voucher	24 hrs	\$2700
<input type="checkbox"/>		SAFER Training	16 hrs	\$1000
<input type="checkbox"/>		Explosives Safety Training	24 hrs	\$1495
<input type="checkbox"/>		Laptop Rental (IMESAFR & SAFER courses)		\$75

How did you hear about the course?

<input type="checkbox"/> Customer	<input type="checkbox"/> Website	<input type="checkbox"/> Publication	<input type="checkbox"/> Attended Before	<input type="checkbox"/> Co-worker
<input type="checkbox"/> Other:				

Payment Information

Payment is due at time of registration. Confirmation will be provided at time of registration. Please bring confirmation number to class.

<input type="checkbox"/> Check	Mail registration and fee to: A-P-T Research, Inc. Attn: Accounts Payable/Training 4950 Research Drive Huntsville, AL 35805
<input type="checkbox"/> Purchase Order (DDI556)	Please provide a copy of the DDI556 along with this registration form when signing up for the class. Fax completed form to 256.837.7786 or email to training@apt-research.com.
<input type="checkbox"/> Visa/MC	Card No: Exp. Date: Cardholder Name (as it appears on card): Credit Card Billing Address: City/State/Zip: Signature: Fax completed form to 256.837.7786 or email to training@apt-research.com.

For any payment information questions or additional payment options, please contact APT Research at 256.327.3402.

Cancellation Policy: If you are forced to cancel your reservations after payment of the fee, you will be entitled to a 50% refund until two (2) weeks prior to the class date. No refunds will be given within two (2) weeks of class date. Substitutions can be made; please contact your training course POC if substitutions need to be made.